

Tri-State Generation and Transmission Association 2014-2023 Transmission Plan

East Montrose-So Canal 115kV Line & Breaker

Project Sponsor:	Tri-State Generation and Transmission Association
Additional Project Participants:	
Project Description:	Construct 115kV 477 ACSR (100°) line, add 115kV breakers at terminations, 115kV 4 breaker ring bus at E. Montrose, add 115-12kV, 20 MVA XFMR
Voltage Class:	115 kV
Facility Rating:	166 MVA
Point of Origin/Location:	East Montrose
Point of Termination:	South Canal
Intermediate Points:	
Length of Line (in Miles):	8.0
Type of Project:	Transmission Line
Development Status:	Planned
Routing:	
Subregional Planning Group:	CCPG
Purpose of Project:	Load serving
Estimated Cost (in 2013 Dollars):	\$6,013,000
Schedule:	
Construction Date:	
Planned In-Service Date:	2019
Regulatory Info:	
Regulatory Date:	
Permitting Info:	
Permitting Date:	
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East Montrose – So. Canal 115kV Line and Breaker Project



Figure 3: *East Montrose – So. Canal 115kV Line and Breaker Project Map*

Delta-Montrose Electric Association (DMEA) has experienced a significant increase in load east of the City of Montrose. DMEA is proposing to initially install a 115-12.5 kV, 12/16/20 MVA, transformer in a new substation, tentatively called East Montrose Substation. DMEA is proposing Tri-State support this new distribution substation by installing a new 115 kV Delivery Point at the East Montrose Substation. To do this, Tri-State will need to construct 11.8 miles of 795 MCM ACSR 115 kV transmission line from a new switching station on the North Mesa to Hotchkiss 115 kV transmission line, or from South Canal Substation to the proposed East Montrose Substation.